

Roger S. Sampson  
(510) 843-6200

Fig. 1A

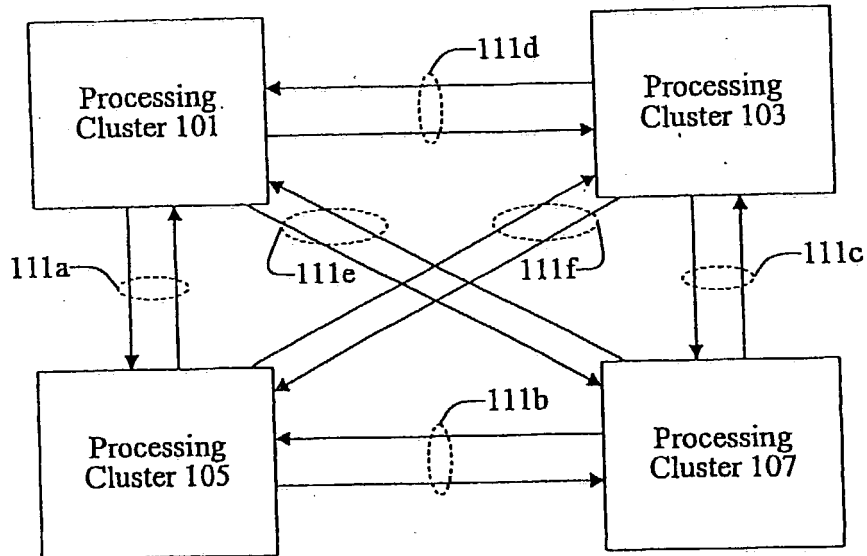


Fig. 1B

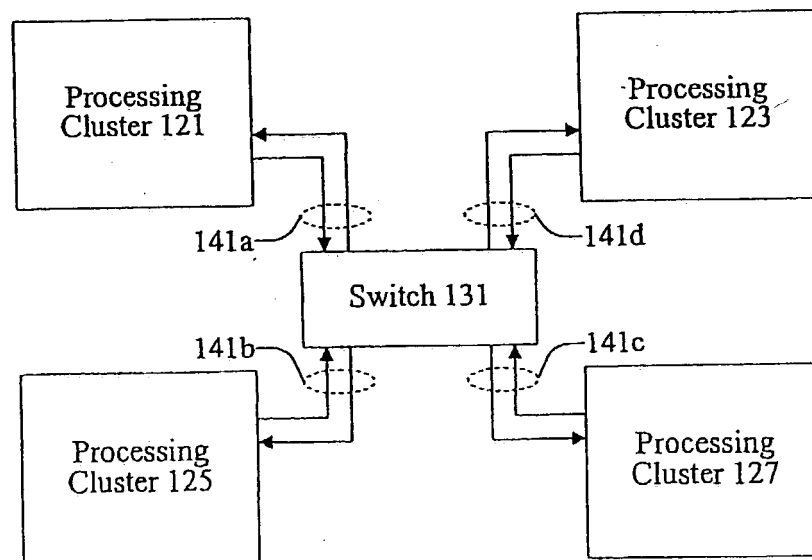
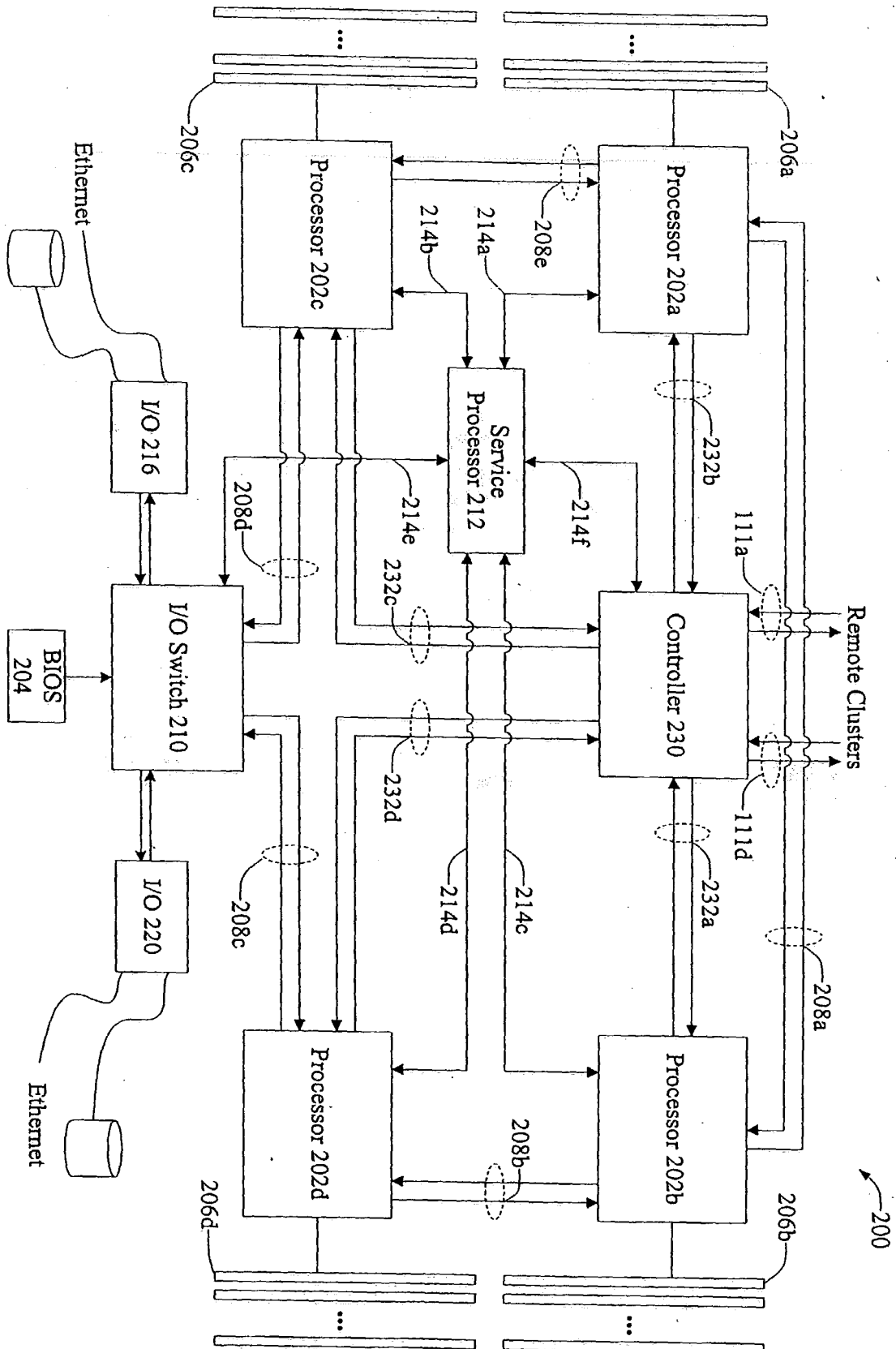


Fig. 2



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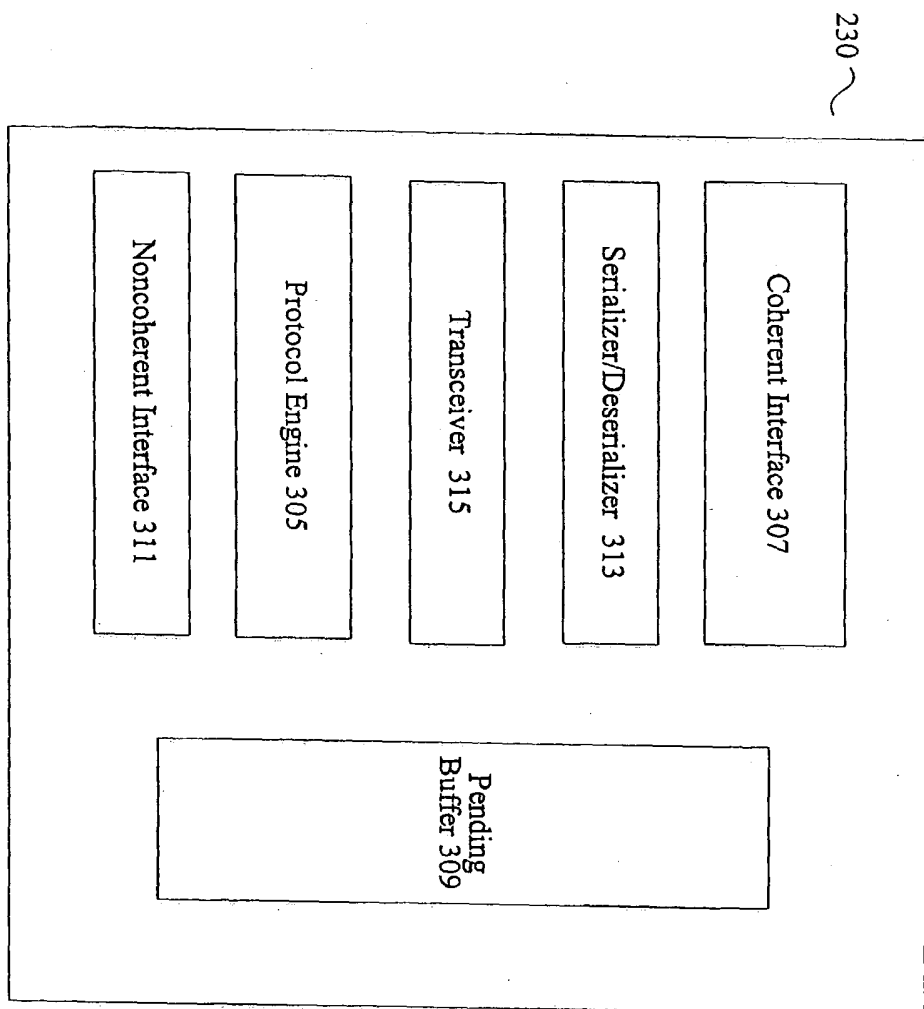


Fig. 3

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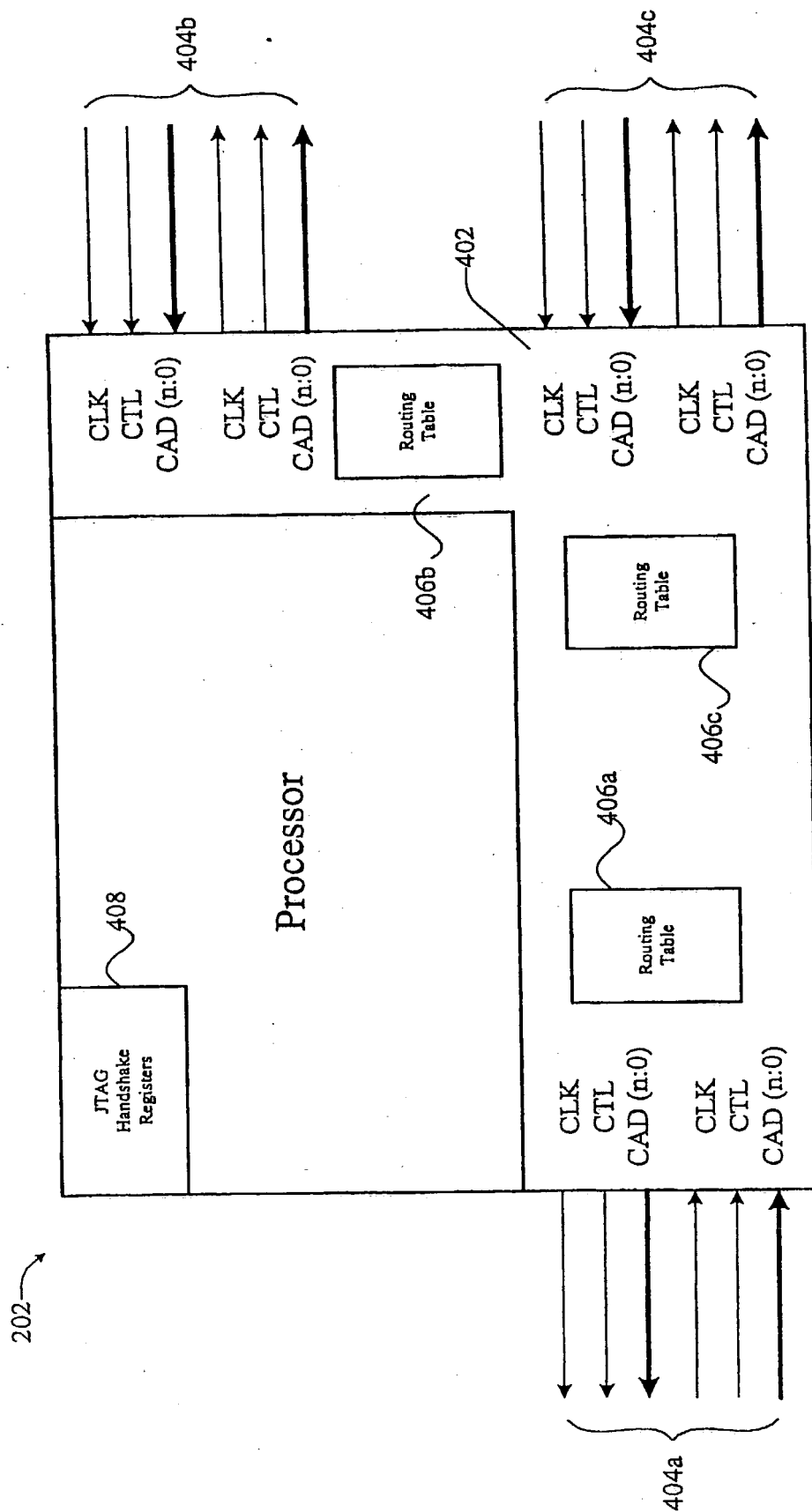


Fig. 4

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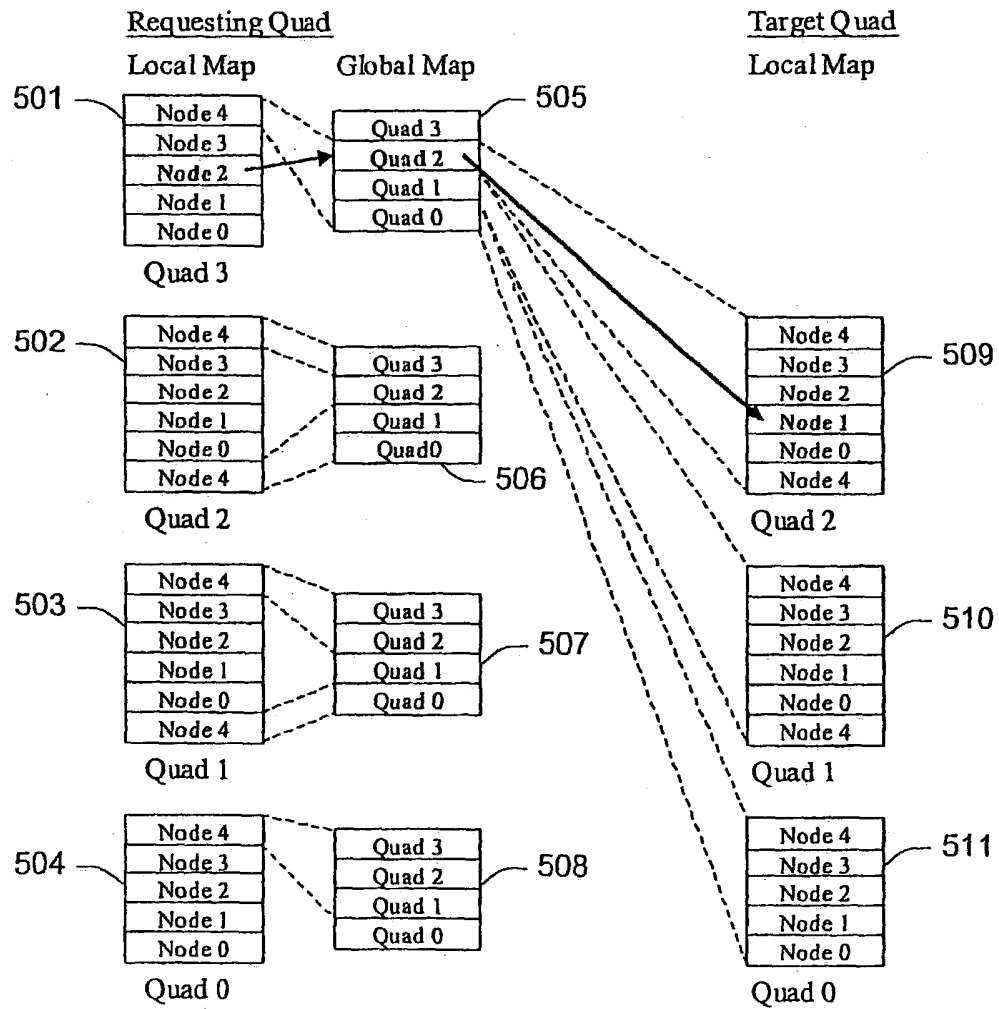


Fig. 5

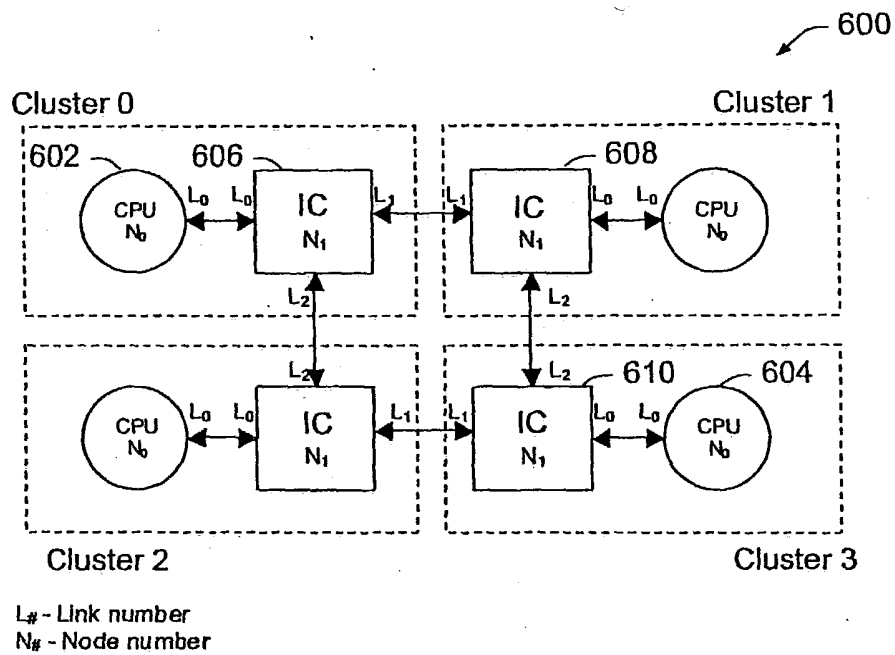


Fig. 6A

		Local Table		Global Table			
		Dest Node		Dest Cluster			
Source		N <sub>0</sub>	N <sub>1</sub>	C <sub>0</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>
Cluster 0	Node 0	X	L <sub>0</sub>	NA	NA	NA	NA
	Node 1	L <sub>0</sub>	X	X	L <sub>1</sub>	L <sub>2</sub>	L <sub>1</sub>
Cluster 1	Node 0	X	L <sub>0</sub>	NA	NA	NA	NA
	Node 1	L <sub>0</sub>	X	L <sub>1</sub>	X	L <sub>2</sub>	L <sub>2</sub>
Cluster 2	Node 0	X	L <sub>0</sub>	NA	NA	NA	NA
	Node 1	L <sub>0</sub>	X	L <sub>2</sub>	L <sub>2</sub>	X	L <sub>1</sub>
Cluster 3	Node 0	X	L <sub>0</sub>	NA	NA	NA	NA
	Node 1	L <sub>0</sub>	X	L <sub>2</sub>	L <sub>2</sub>	L <sub>1</sub>	X

Fig. 6B

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Fig. 7

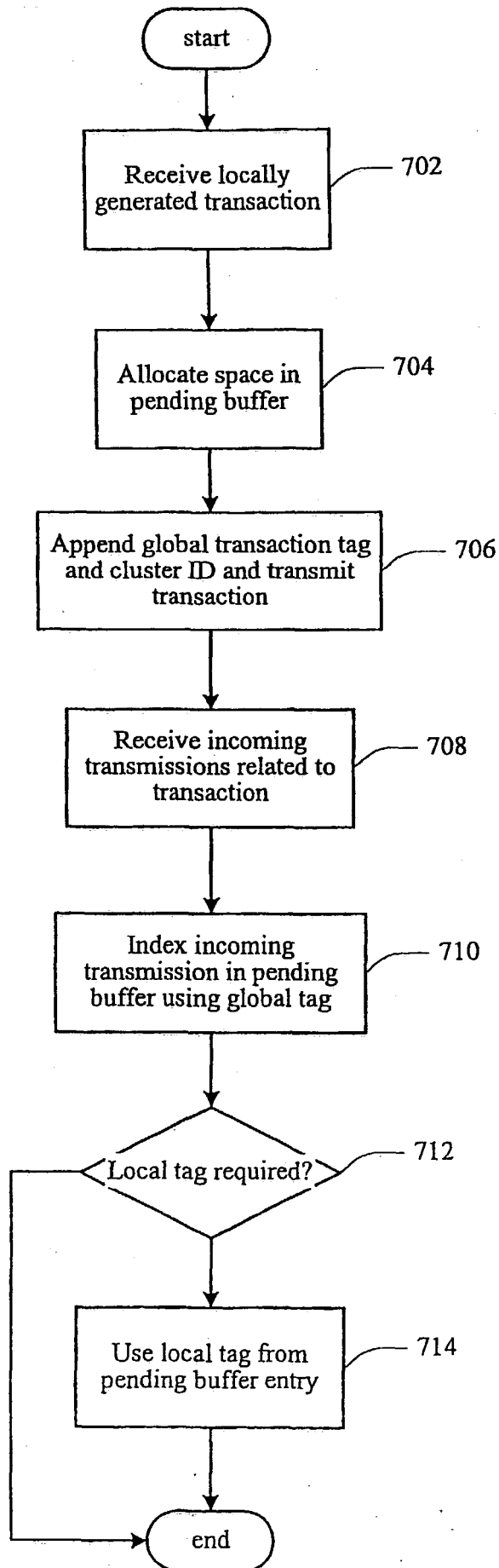
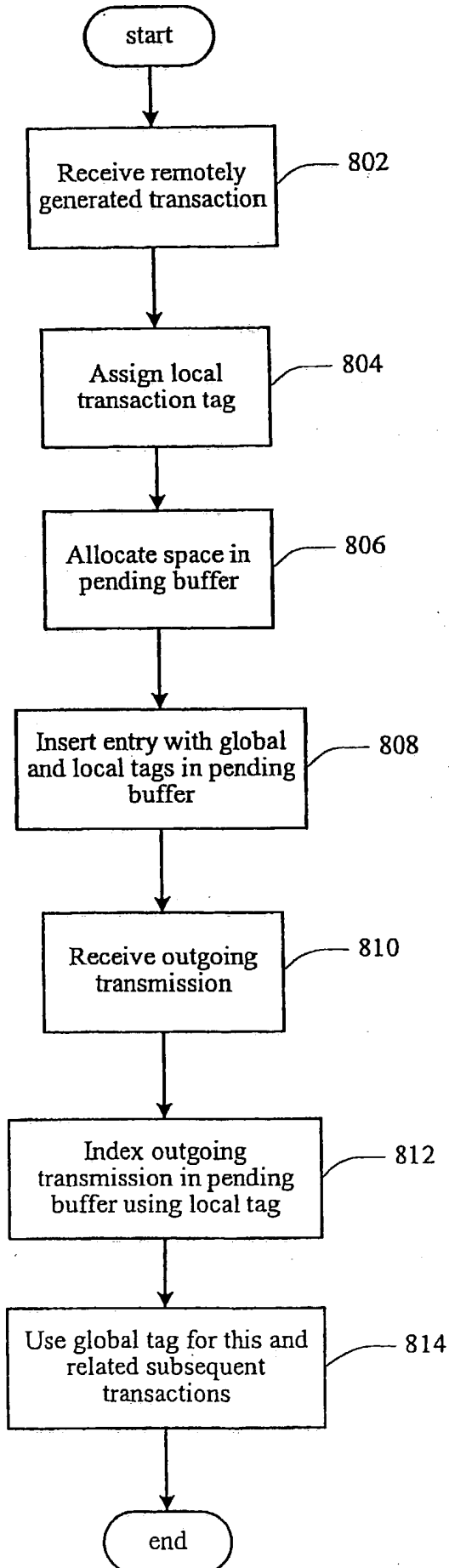


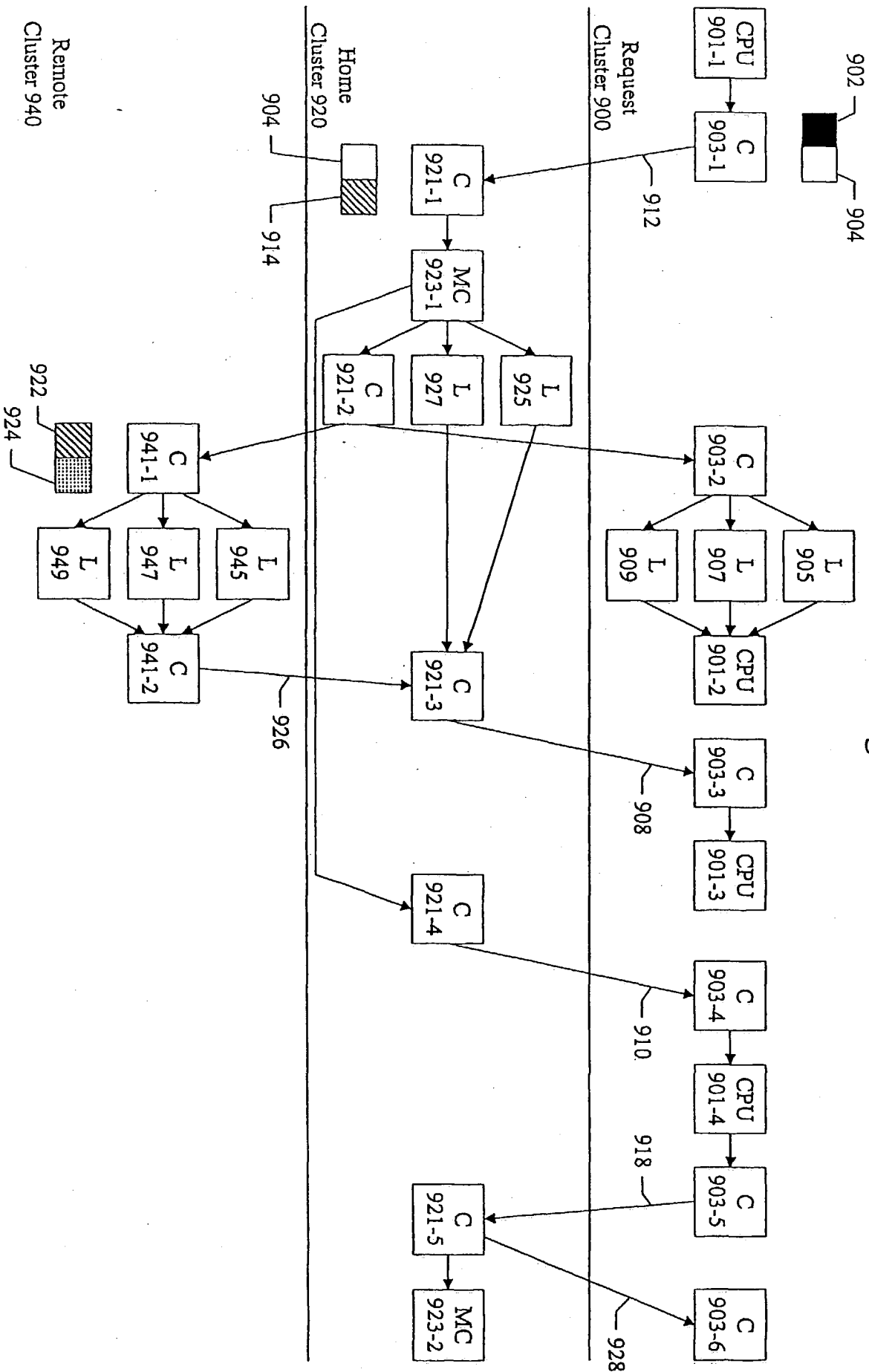
Fig. 8





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Fig. 9



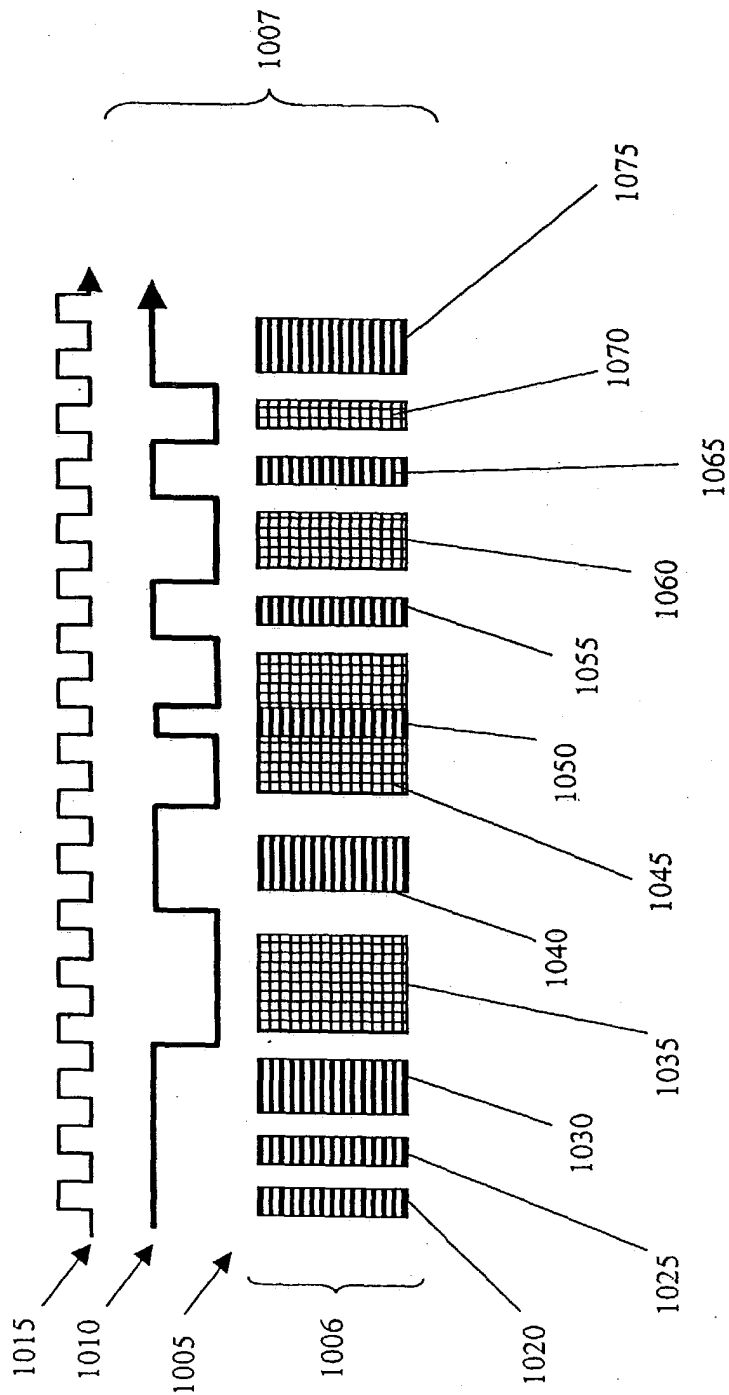
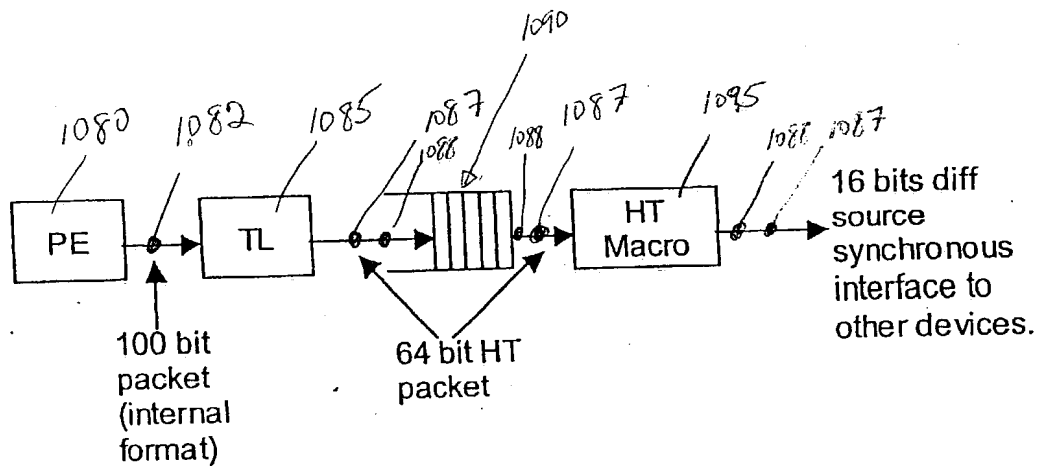


Fig. 10

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Fig. 10A



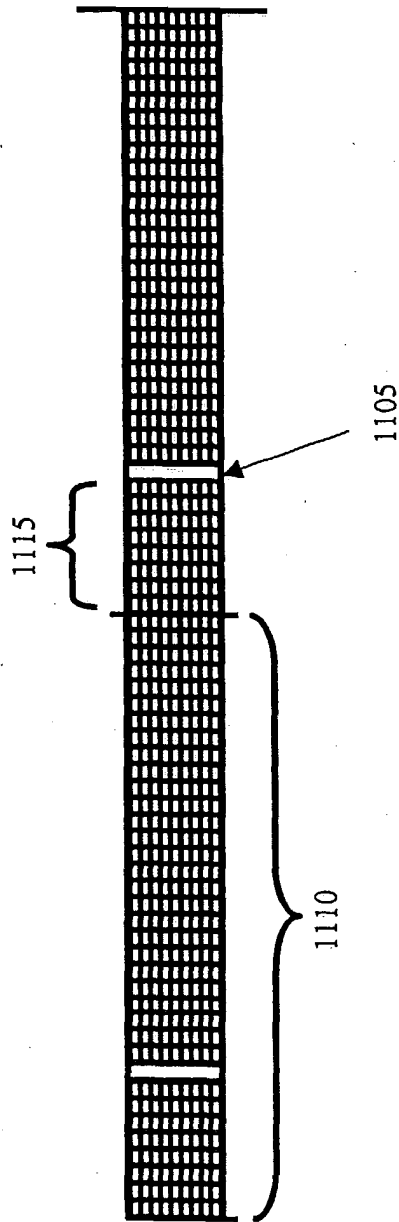


Fig. 11A

Roger S. Sampson  
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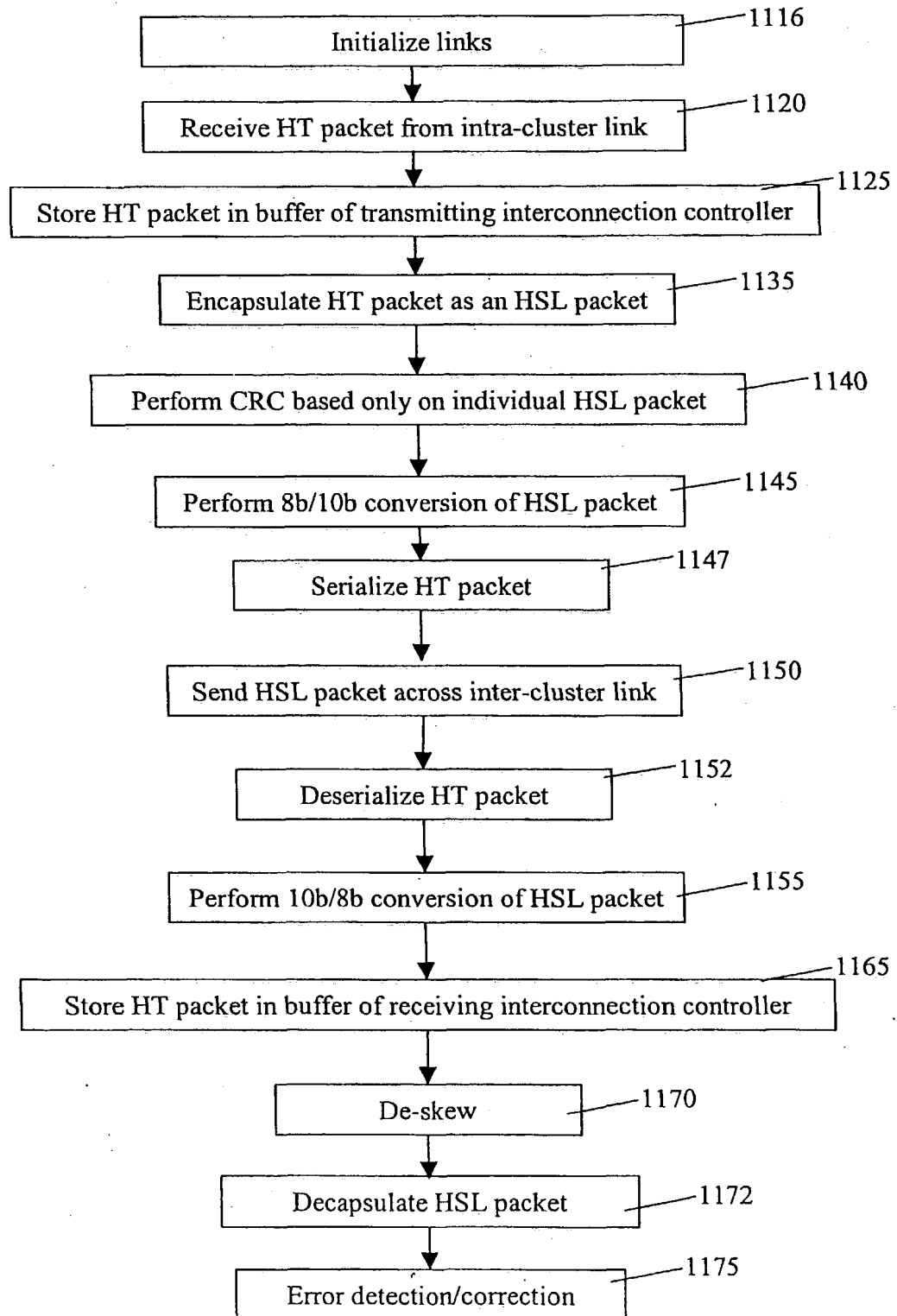
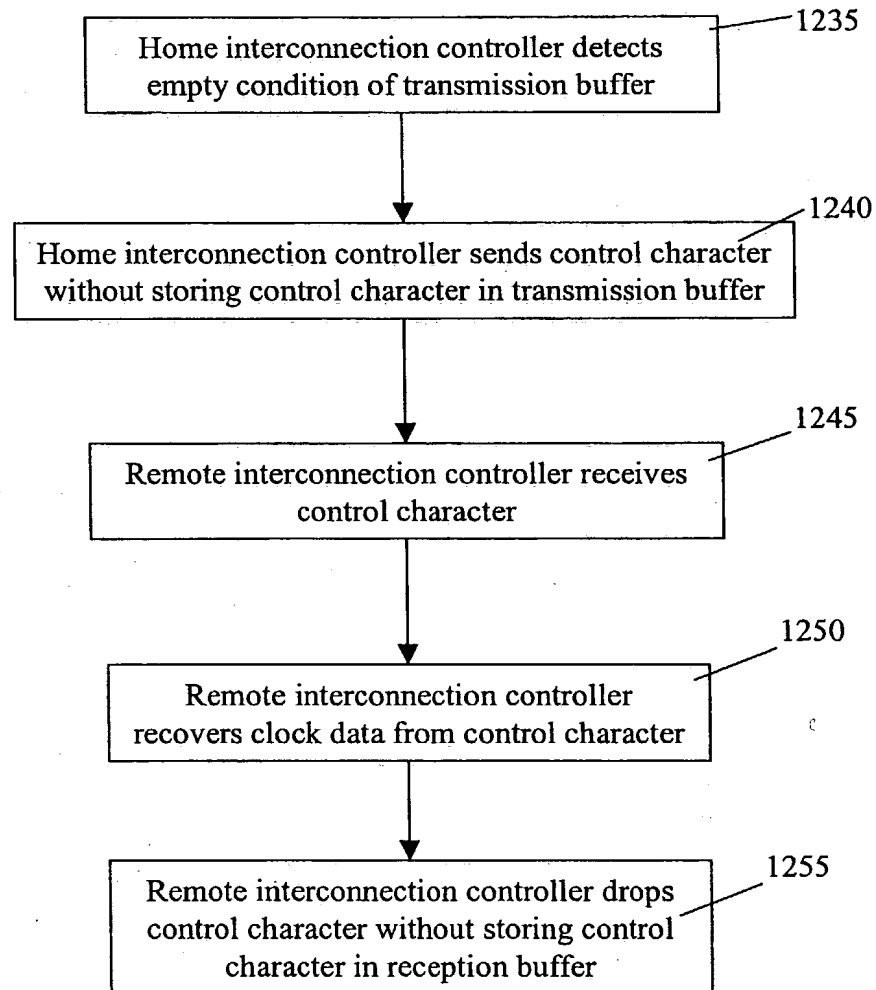


Fig. 11B

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**Fig. 12A**

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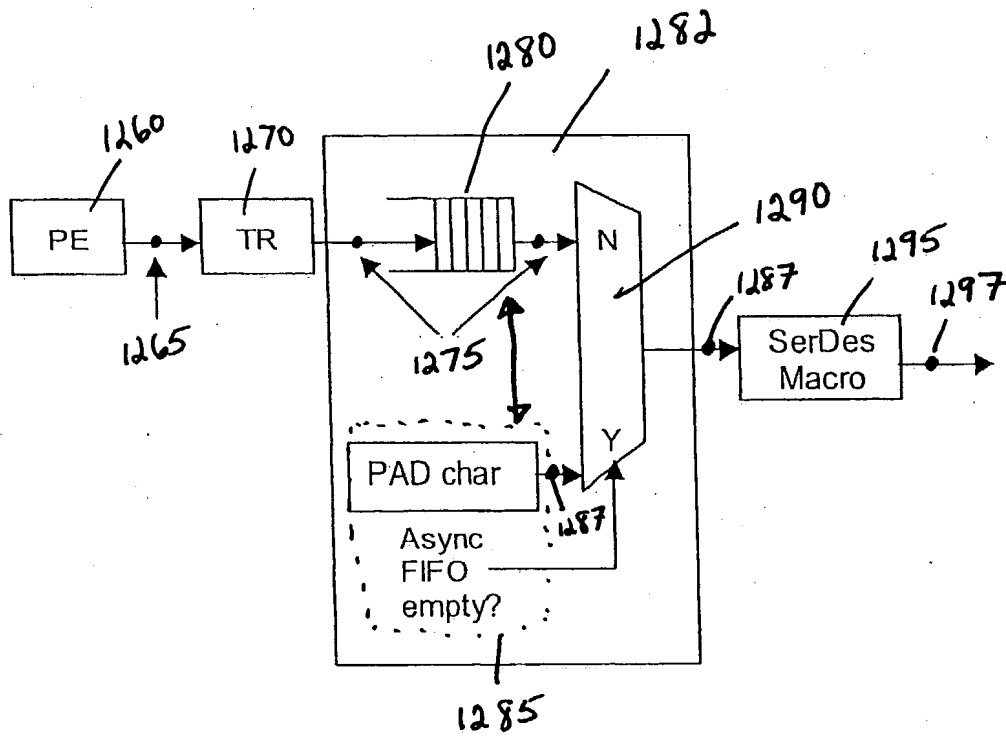
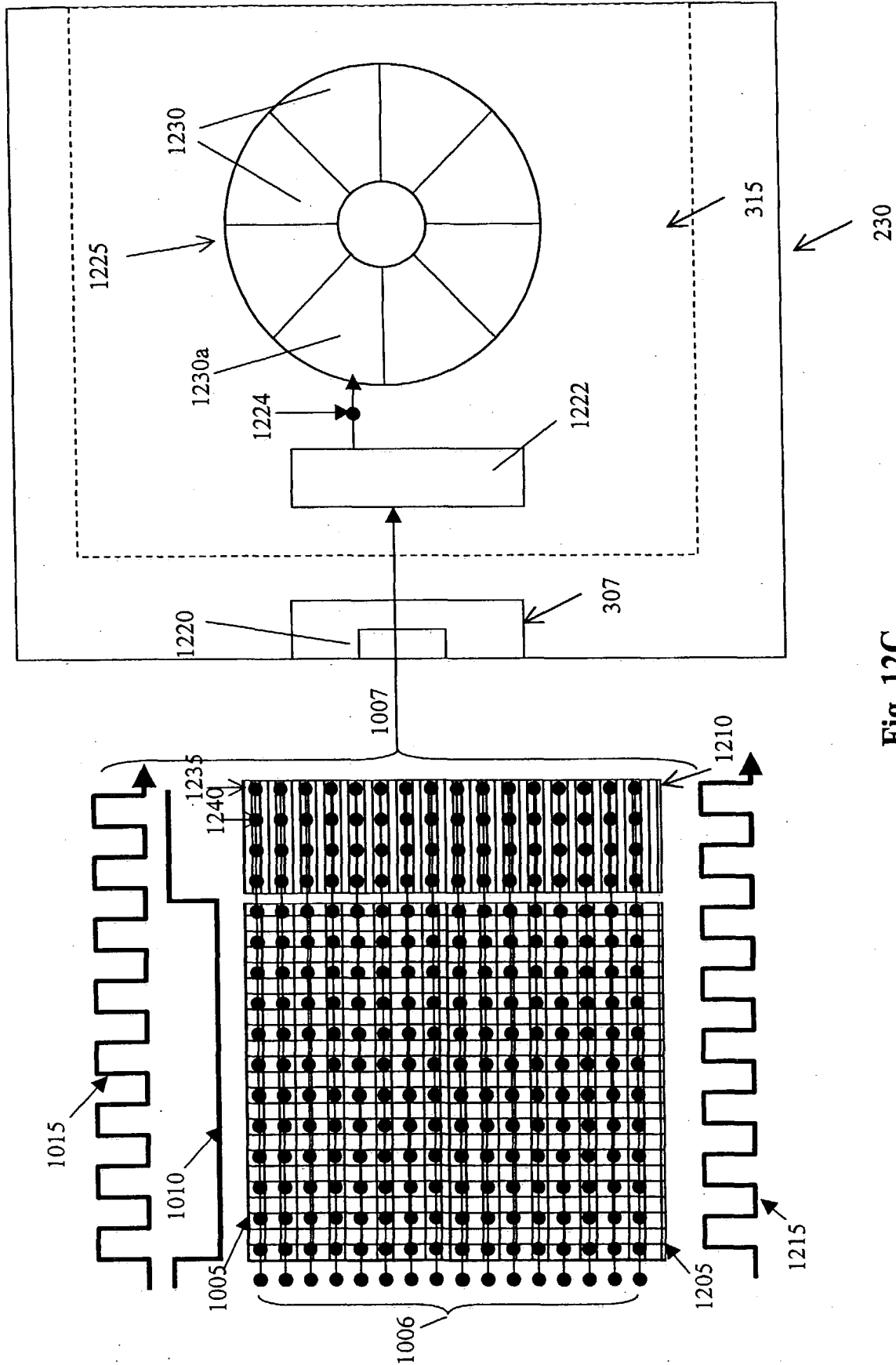


Fig. 12B

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32b HT packet	32 b ACK/NACK packet	6b SeqID	2b PT	12b Remote bits	12b CRC12
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**Fig 13A: Protocol Packet- 32b Control**

32b (31:0) HT packet	32 b (63:32) HT packet	6b SeqID	2b PT	12b Remote bits	12b CRC12
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**Fig 13B: Protocol Packet- 64b Control.**

32b Data	32 b unused	6b SeqID	2b PT	8b Packet length	16b CRC16
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**Fig. 13C: Data Packet- 32b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16b CRC16
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**Fig. 13D: Data Packet- 64b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32 b unused	16b unused			16b CRC16

**Fig 13E: Data Packet- 96b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	16b unused			16b CRC16

**Fig 13F: Data Packet- 128b.**

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32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	32 b (159:128) Data			
32 b unused	32 b unused	16b unused			16b CRC16

**Fig 13G: Data Packet- 160b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	32 b (159:128) Data			
32 b (191:160) Data	32 b unused	16 b unused			16b CRC16

**Fig 13H: Data Packet- 192b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	32 b (159:128) Data			
32b (191:160) Data	32b (223:192) Data	32 b (255:224) Data			
32b (303:272) Data	32b (335:304) Data	32 b (367:336) Data			
32b (383:368) Data	32b (415:384) Data	32 b (447:416) Data			
32b (479:448) Data	32b (511:480) Data	16 b unused			16b CRC16

**Fig 13I: Data Packet- 512b.**

Command	8b Rsv	8b Rsv	1b Rsv	SeqID	1b Valid
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**Fig 13J: ACK/NACK Packet Format.**

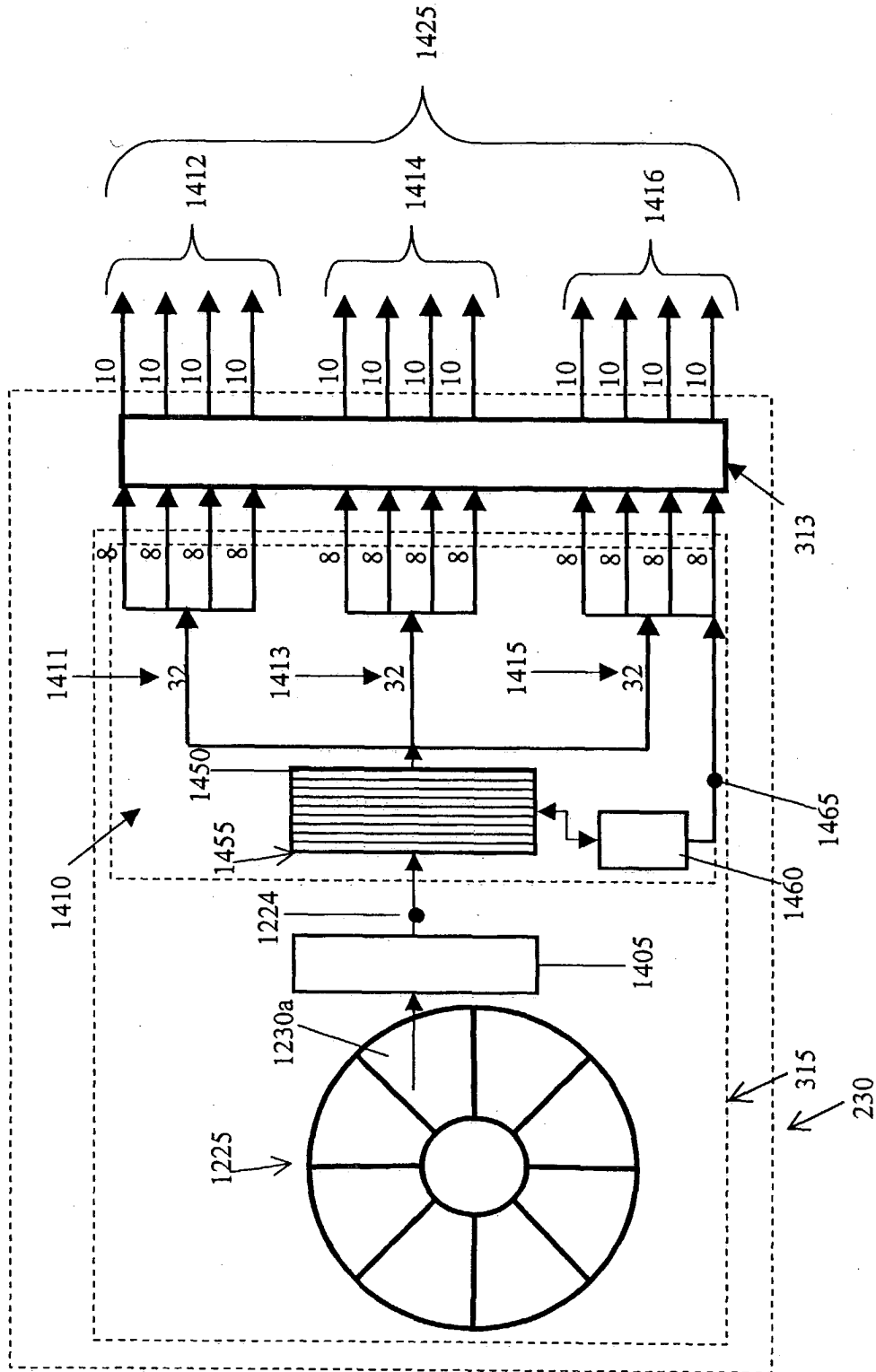
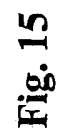


Fig. 14



**Fig. 15**

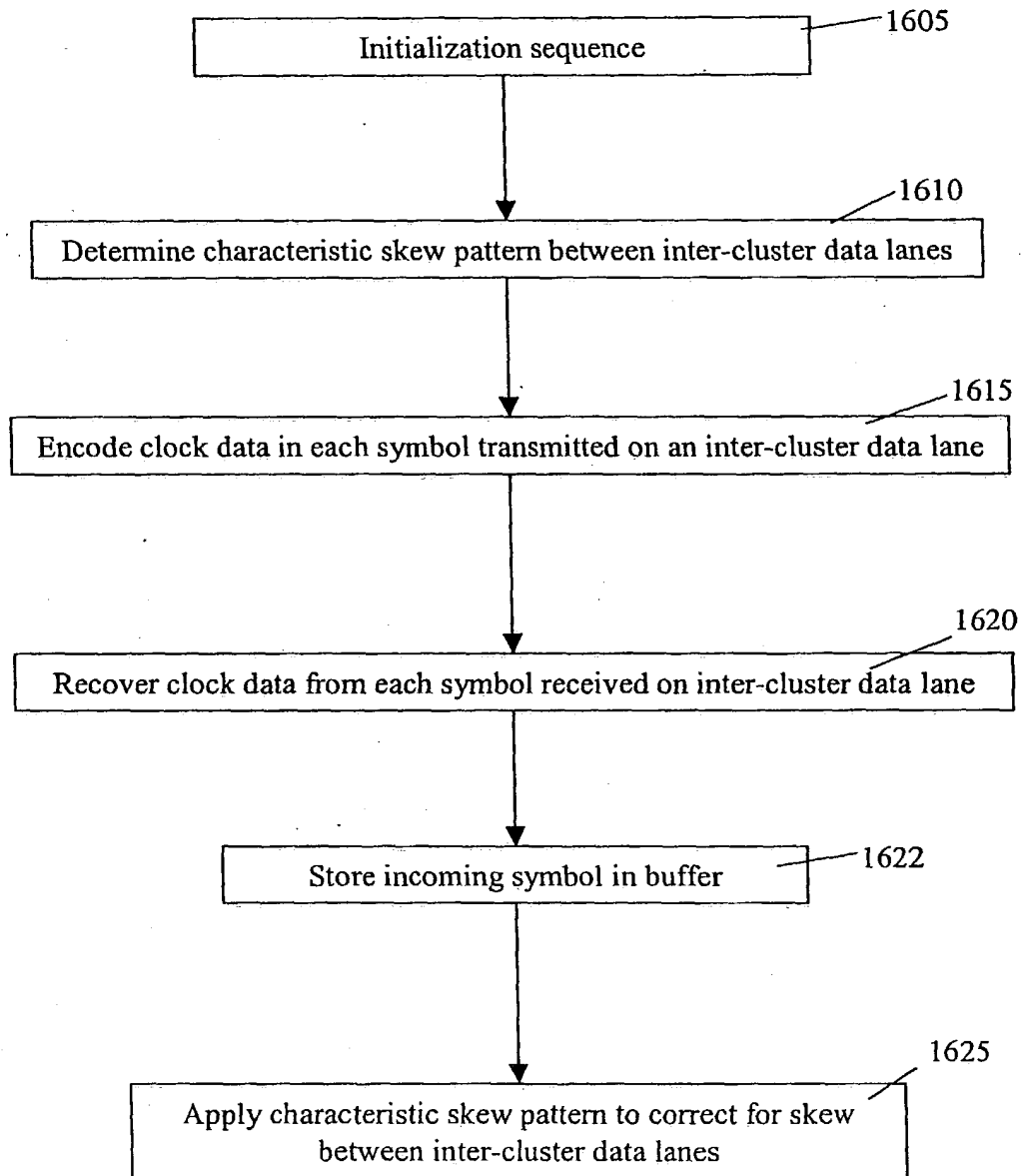


Fig. 16